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ABSTRACT OF THE DISCLOSURE

The present invention is directed to improved methods and compositions for synthesis of oligonucleotides and other phosphorus-linked oligomers, without the need for phosphoryl protecting groups. The methods involve the reaction of nucleoside
5 phosphoramidites with a support-bound oligomer having one or more unprotected phosphorus-containing internucleoside linkages in the presence of a neutralizing agent.

500 400 300 200 100 0